

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130
Bureau of Laboratory Sciences

06-20-11

Dear ADA Markos:

Enclosed is the discovery packet for Commonwealth V. [REDACTED]
Enclosed are copies of the following information:

1. The Drug Laboratory Receipt
2. The Drug Laboratory Control Cards
3. The Drug Powder Analysis Forms
4. The GC/MS Confirmatory Data

I was the primary chemist for this case. Annie Khan was the confirmatory chemist. If you would like to discuss this case, please feel free to call me directly at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Piro".

Peter Piro
GC/MS Laboratory Supervisor I
Department of Public Health
Hinton State Laboratory Institute
Forensic Drug Laboratory, Rm 361
305 South Street
Jamaica Plain, Ma 02130
617-983-6634
Peter.Piro@state.ma.us

No. [REDACTED]

Date Analyzed: 05-14-11

City: Lynn Police Dept.

Officer: Detective MARK RICHMOND

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 15 Cont: pb

Date Rec'd: 02/11/2011

Gross Wt.: 6.70 ✓OK

No. Analyzed: 2 3.11 grams

(EST NET) Net Weight: 0.44

(WTG/15) # Tests: 13 P.P.D

•4 ASO

Prelim: Cocaine
5-6-11

Findings: cocaine

No. [REDACTED]

Date Analyzed: 05-14-11

City: Lynn Police Dept.

Officer: Detective MARK RICHMOND

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 6 Cont: pb

Date Rec'd: 02/11/2011

Gross Wt.: 3.08 ✓OK

No. Analyzed: 1

Net Weight: 0.22

Tests: 17 P.P.D

•2 ASO

Prelim: Cocaine
5-6-11

Findings: cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

ANALYST

No. of samples tested:

2

Evidence Wt.

6.70 ✓

PHYSICAL DESCRIPTION:

15 fixed PBS w/ white substance

Gross Wt (15): 3.8817

Gross Wt (): →

Pkg. Wt: 0.4152 (2)

Net Wt: 0.4152 (2)

EST net wt of (15) = 3.4410

PRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate (H) +

X 2

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold Chloride + X 2

TLTA (H) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 5-6-11

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS OPERATOR ASD

DATE 5-14-11

GOS1211.S

Sample #: [REDACTED]

samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.2248	0.0481	0.1767	26			
2	0.2745	0.0360	0.2385	27			
3			0.4152	28			
4				29			
5			Avg = 0.20	30			
6				31			
7	(-20.76)	(15)	=3.1140	32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

DRUG POWDER ANALYSIS FORM

DA: S-14-11

SR: 5-31-11

SAMPLE # [REDACTED]

AGENCY Lynn

ANALYST P.P. 50

No. of samples tested: 1

Evidence Wt. 3.08 ✓

PHYSICAL DESCRIPTION:

6 fine gr PBs with off-white
Substance

Gross Wt (6): 1.5570

Gross Wt (1): 0.2593

Pkg. Wt: 0.0304

Net Wt: 0.2289

PRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate (+) +

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold Chloride +

TLTA (+) +

OTHER TESTS**PRELIMINARY TEST RESULTS**

RESULTS Cocaine

DATE 5-6-11

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS OPERATOR ASD

DATE 5-14-11

GOS/211.5

Revised 7/2005

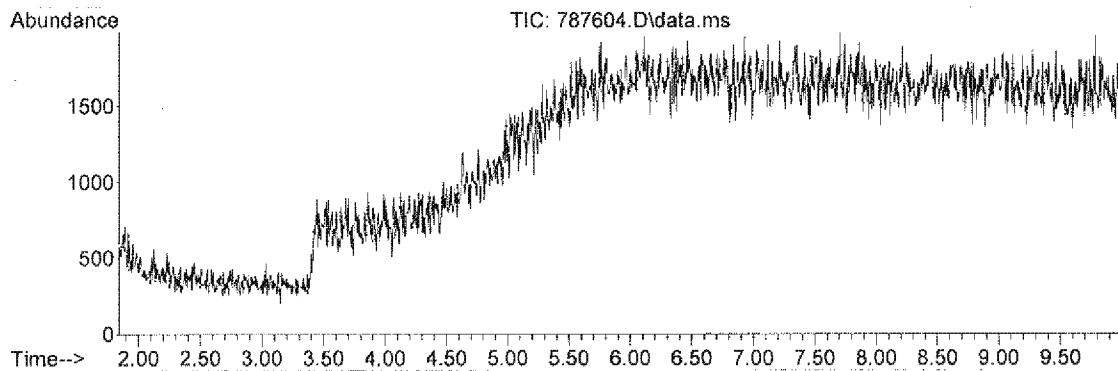
Folk_OIG_PRR_047010

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787604.D
Operator : ASD
Date Acquired : 12 May 2011 13:03
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ 6-22-11



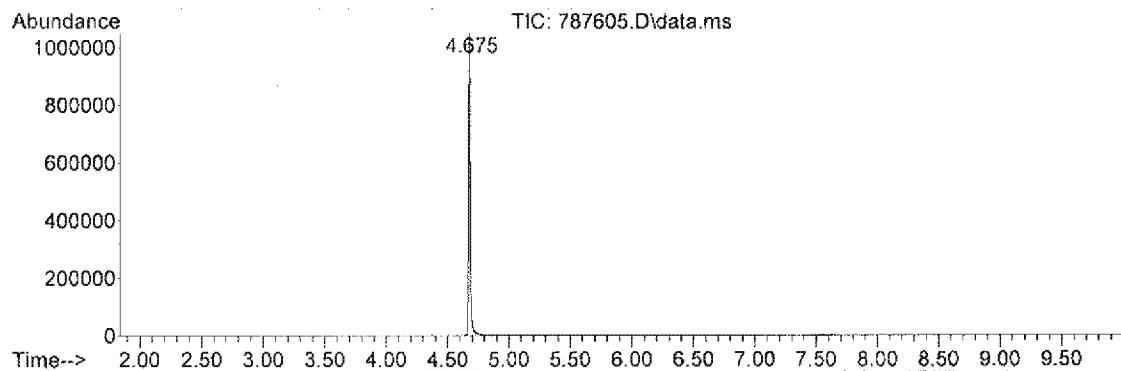
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787605.D
Operator : ASD
Date Acquired : 12 May 2011 13:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.675	1067378	100.00	100.00

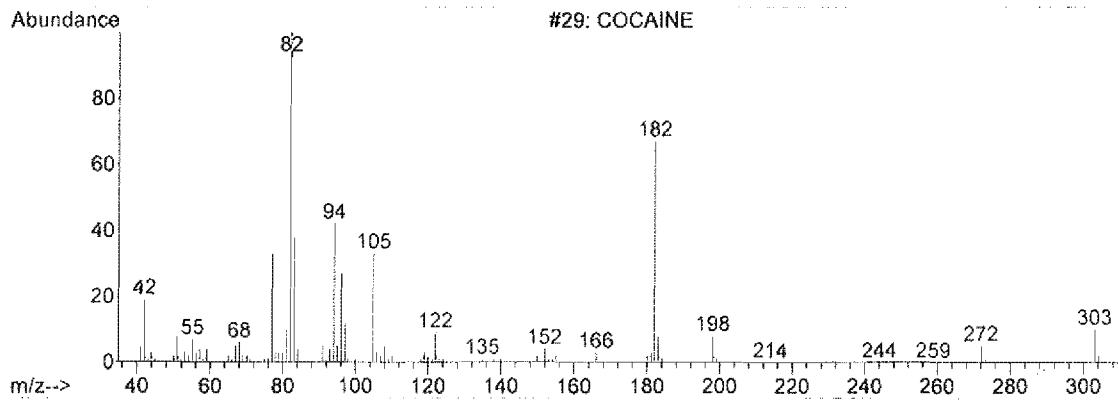
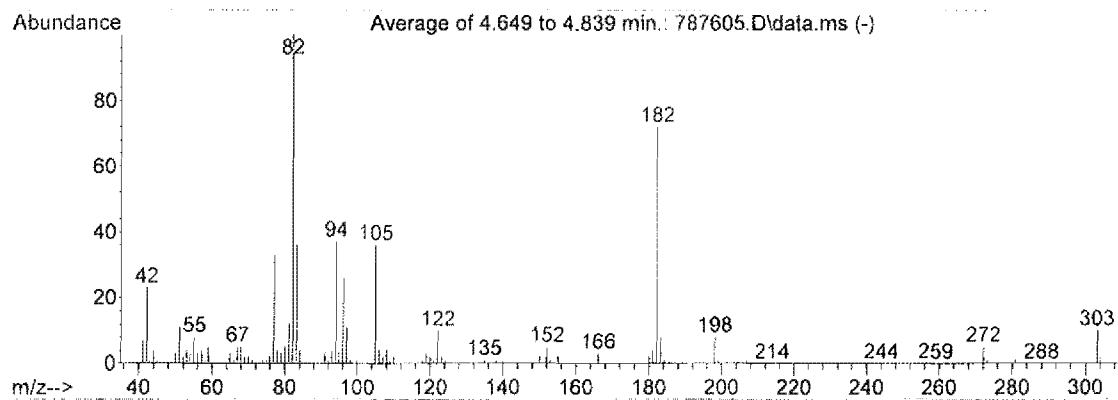
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787605.D
Operator : ASD
Date Acquired : 12 May 2011 13:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

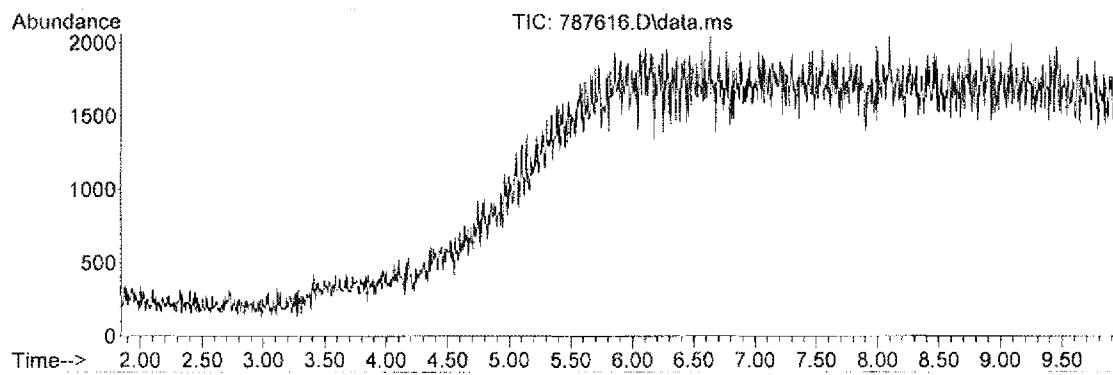
PK#	RT	Library/ID	CAS#	Qual
1	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787616.D
Operator : ASD
Date Acquired : 12 May 2011 15:35
Sample Name : BLANK
Submitted by : PJP
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

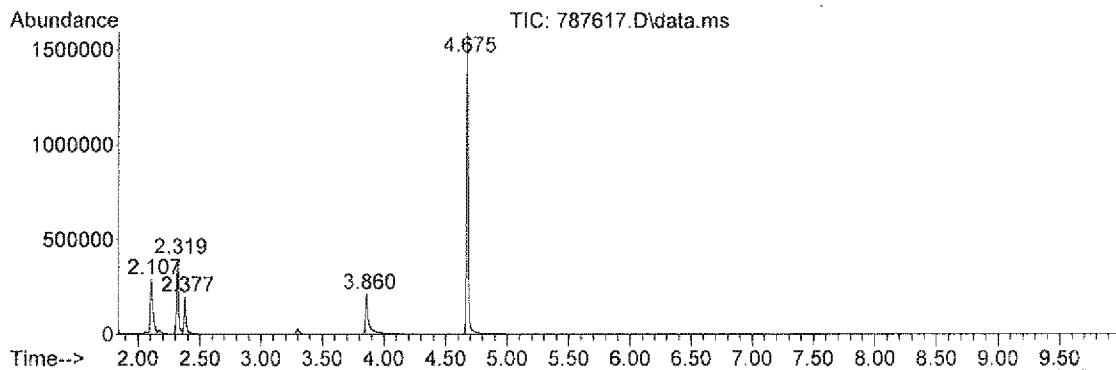


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.107	437887	13.89	26.68
2.319	469238	14.88	28.59
2.377	229403	7.27	13.97
3.860	375580	11.91	22.88
4.675	1641534	52.05	100.00

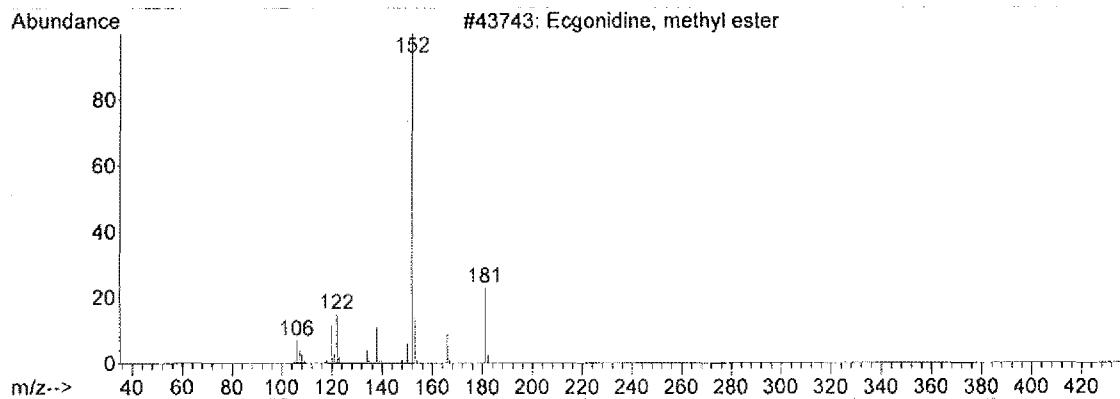
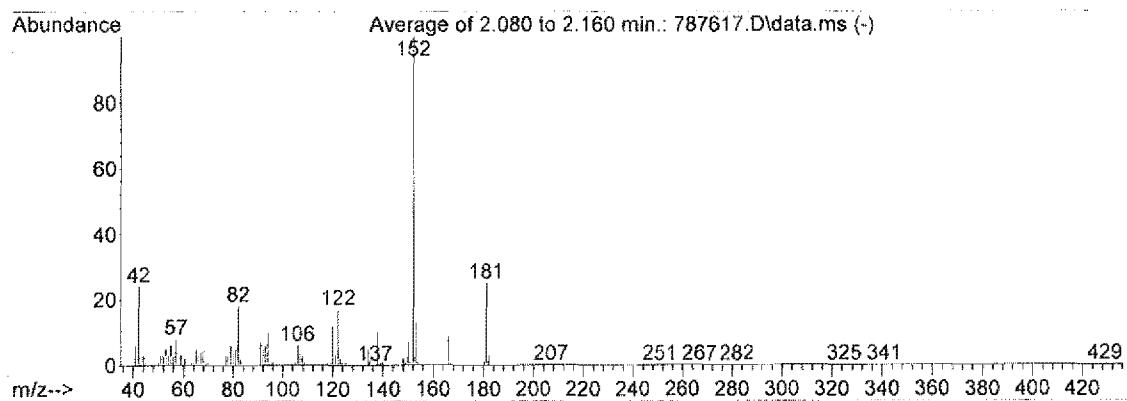
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.11	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	94
		Benzenamine, N-methyl-4-nitro-	000100-15-2	43

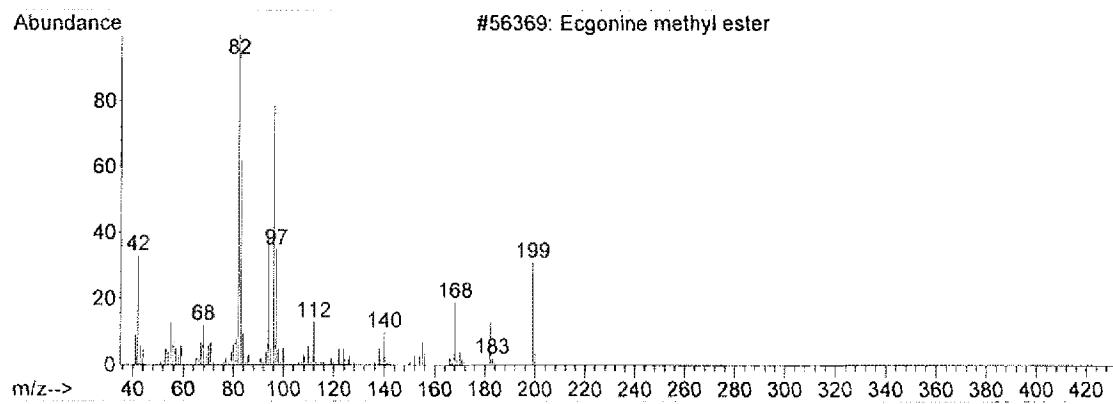
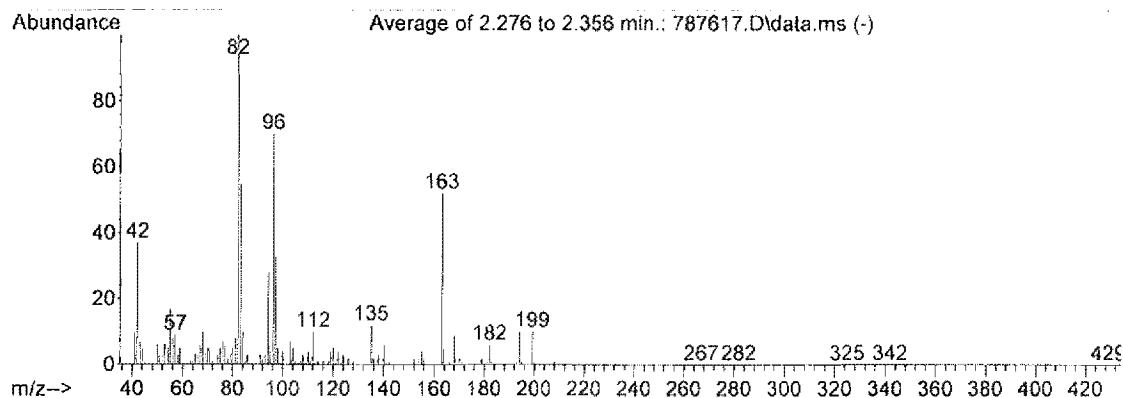


Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97



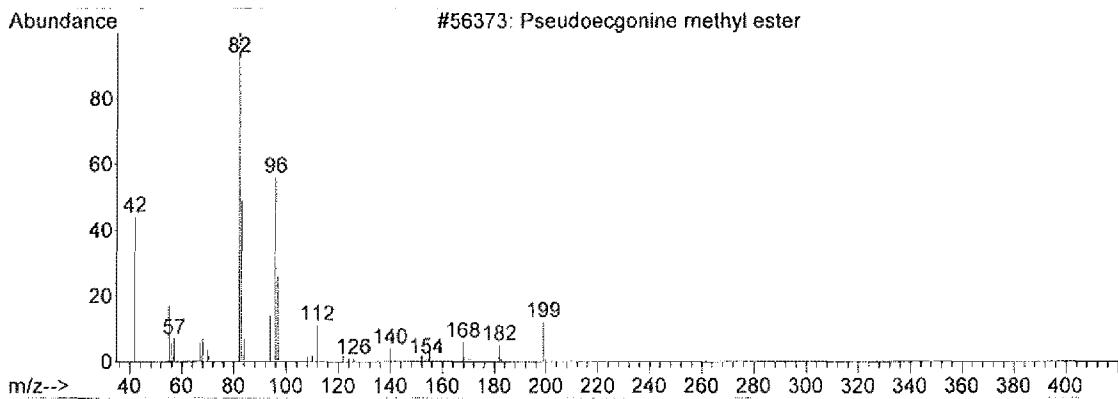
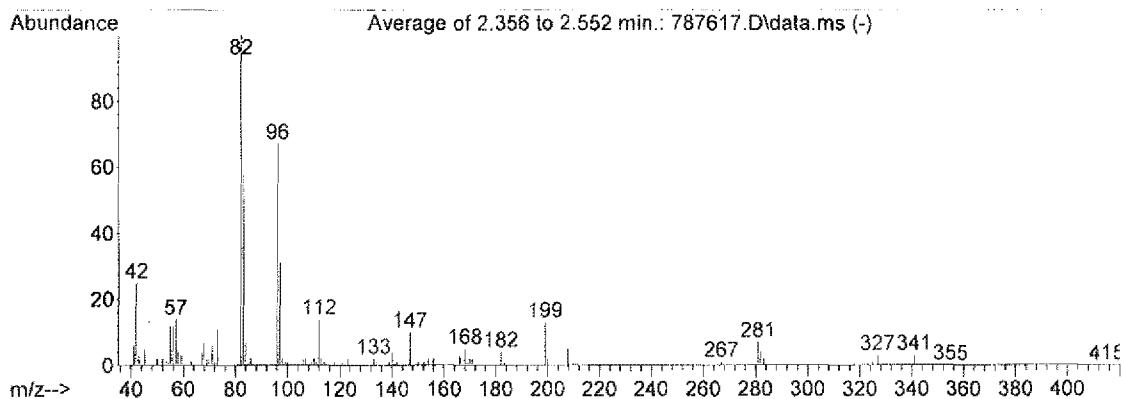
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.38	C:\Database\NIST05a.L		
		Pseudoecgonine methyl ester	099189-88-5	91
		Ecgognine methyl ester	106293-60-1	91
		Ecgognine methyl ester	106293-60-1	87



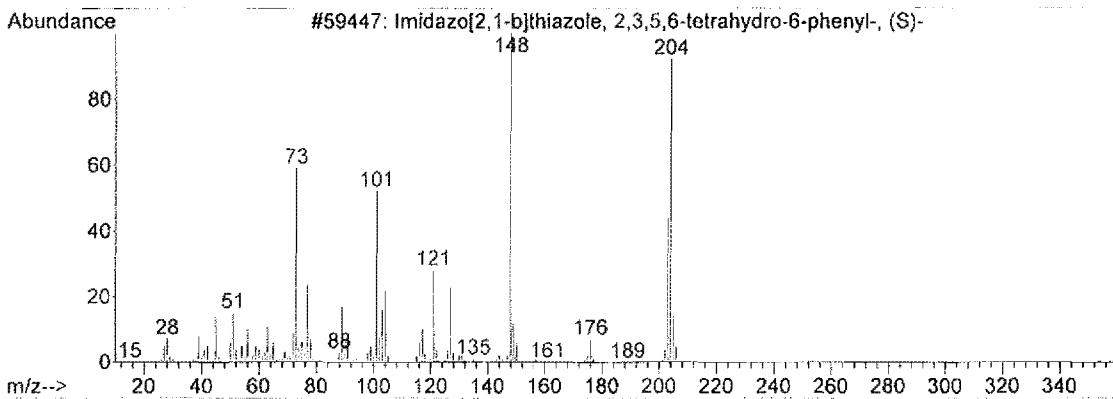
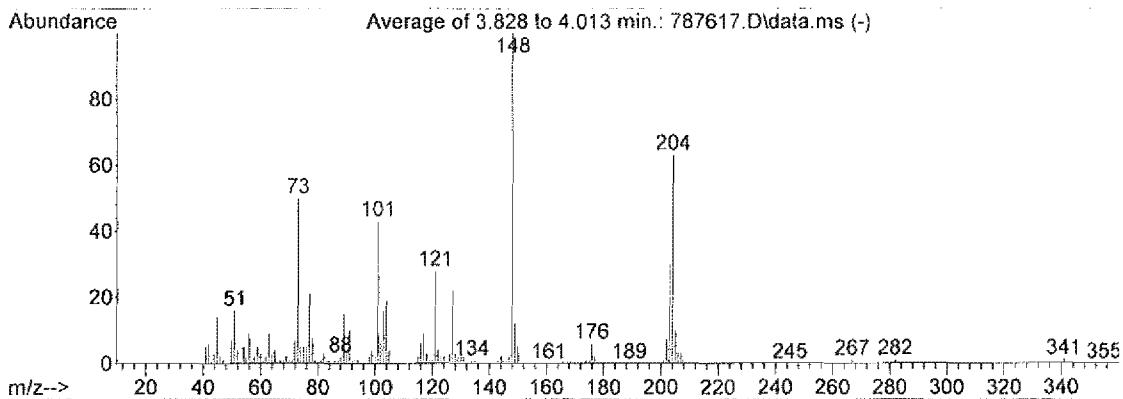
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.86	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98

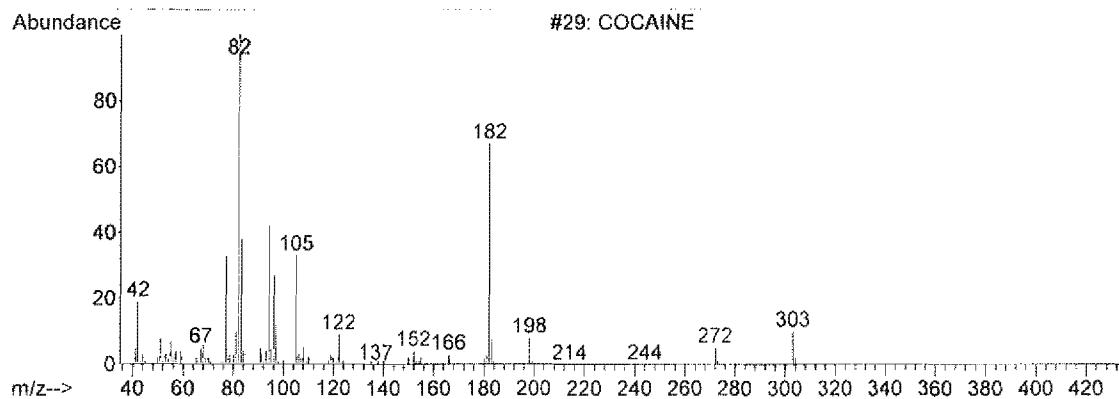
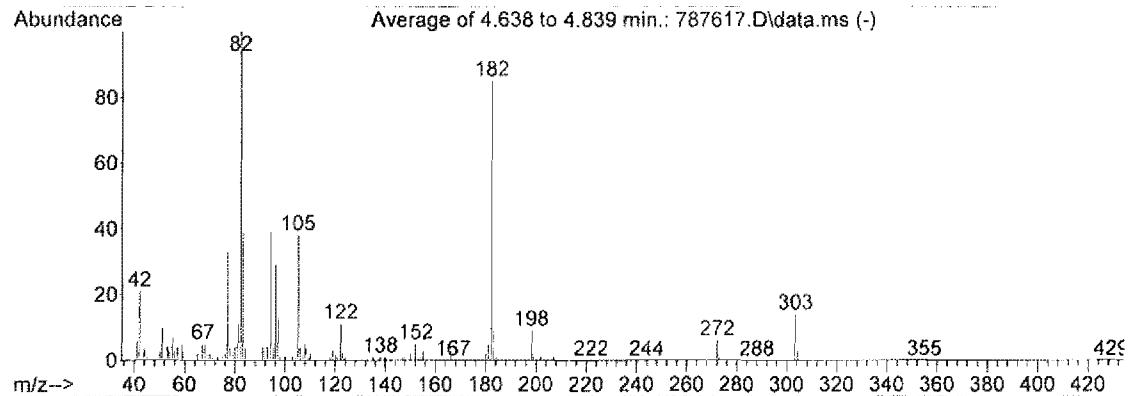


Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787617.D
Operator : ASD
Date Acquired : 12 May 2011 15:47
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

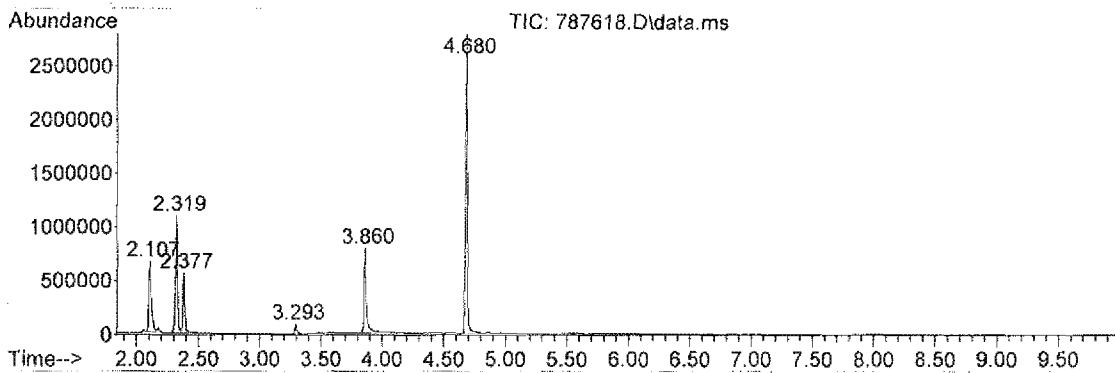
PK#	RT	Library/ID	CAS#	Qual
5	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
Operator : ASD
Date Acquired : 12 May 2011 16:00
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE



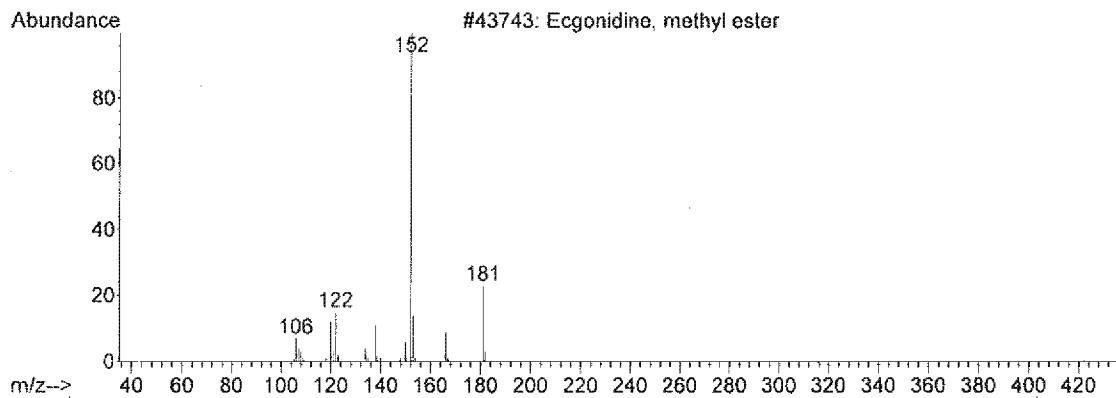
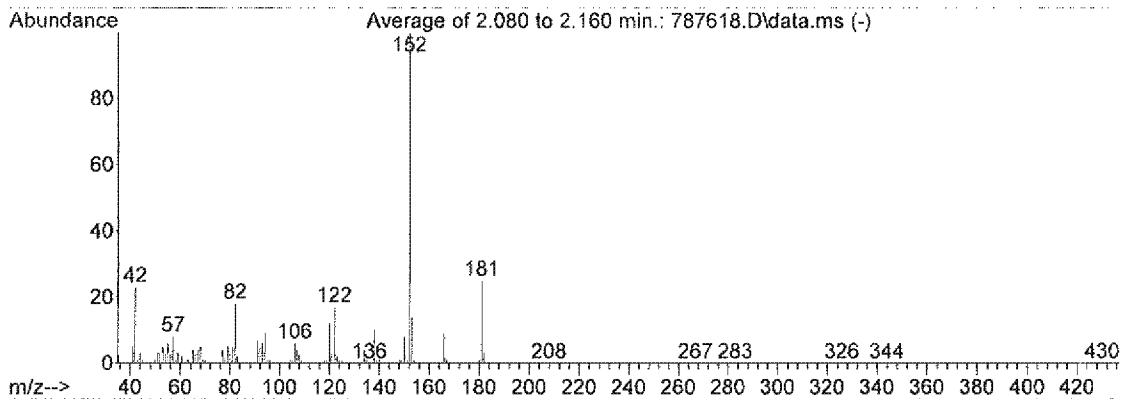
Ret. Time	Area	Area %	Ratio %
2.107	923137	13.29	31.43
2.319	1253652	18.05	42.68
2.377	642769	9.26	21.88
3.293	114010	1.64	3.88
3.860	1073806	15.46	36.56
4.680	2937428	42.30	100.00

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
Operator : ASD
Date Acquired : 12 May 2011 16:00
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.11	C:\Database\NIST05a.L		
		Egonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	95
		2,6-Dimethoxytoluene	005673-07-4	43



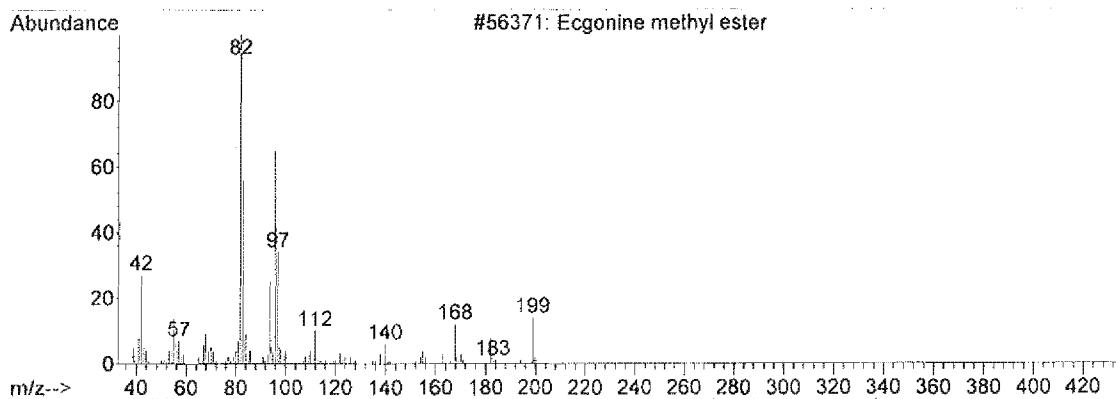
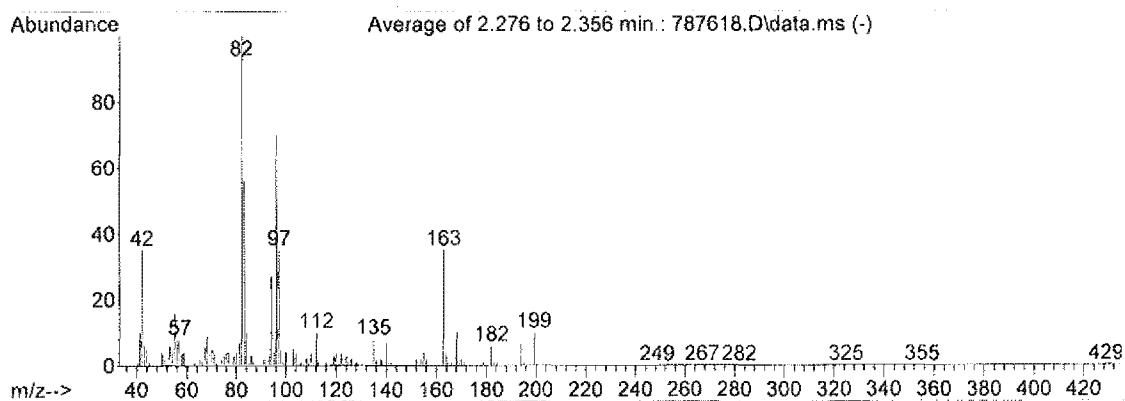
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
Operator : ASD
Date Acquired : 12 May 2011 16:00
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97



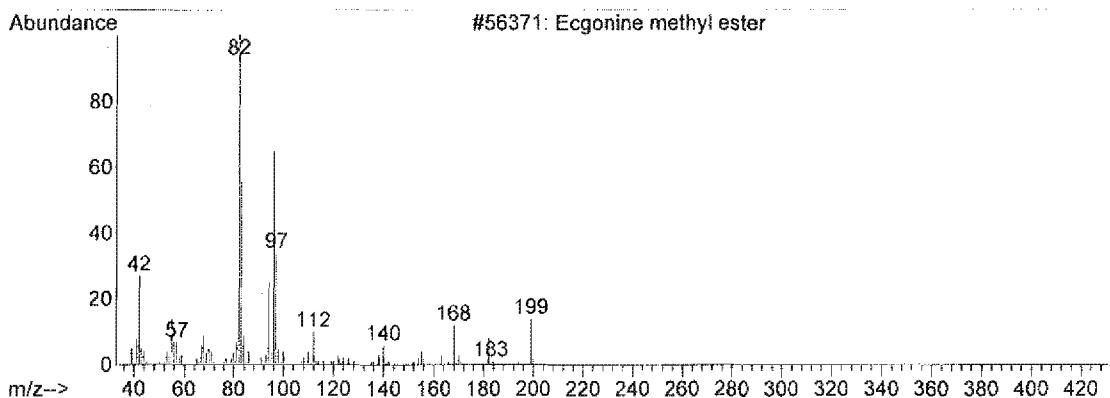
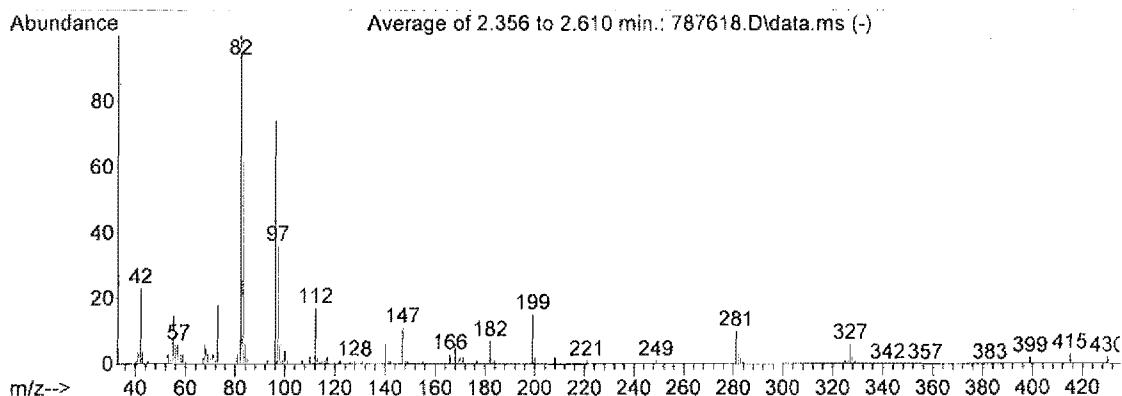
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
 Operator : ASD
 Date Acquired : 12 May 2011 16:00
 Sample Name : XXXXXXXXXX
 Submitted by : PJP
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.38	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	91
		Pseudoecgonine methyl ester	099189-88-5	87
		Ecgonine methyl ester	106293-60-1	83



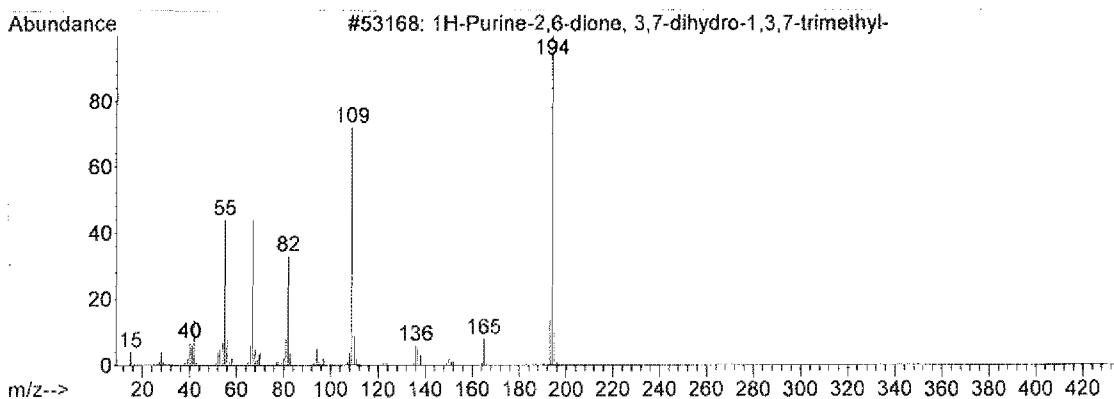
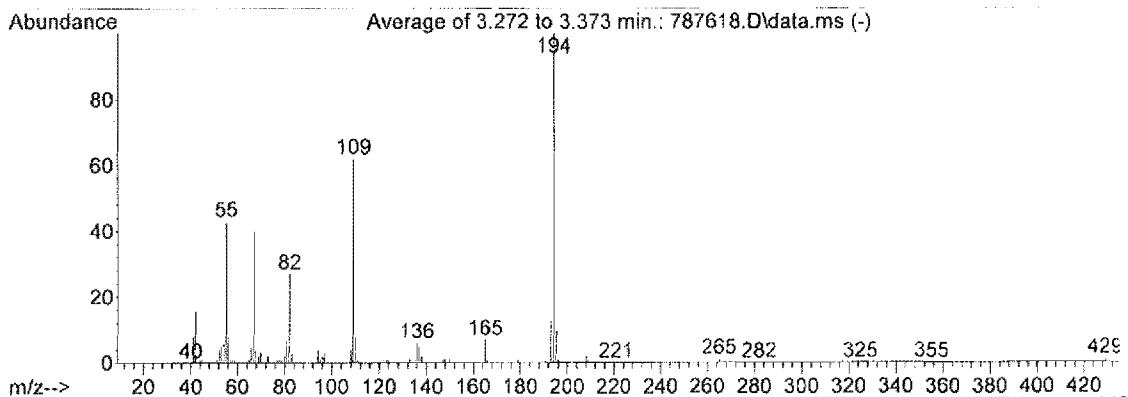
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
 Operator : ASD
 Date Acquired : 12 May 2011 16:00
 Sample Name : XXXXXXXXXX
 Submitted by : PJP
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.29	C:\Database\NIST05a.L		
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	97
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	97



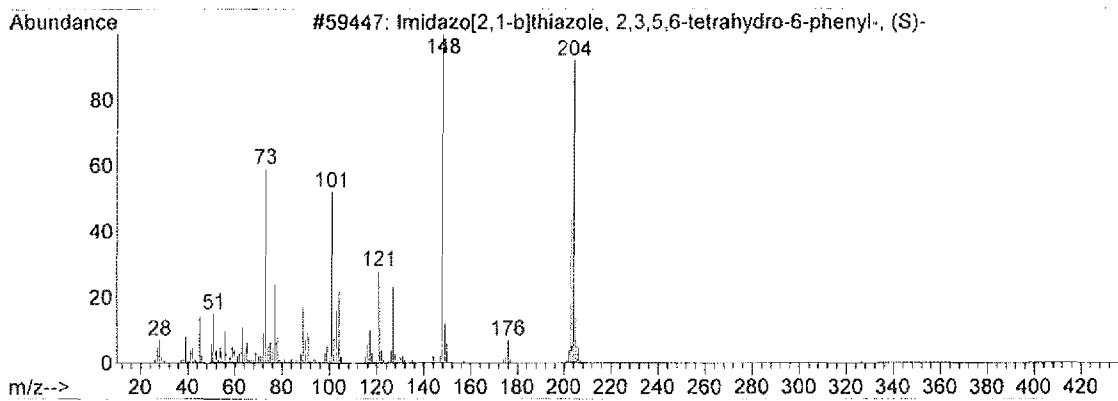
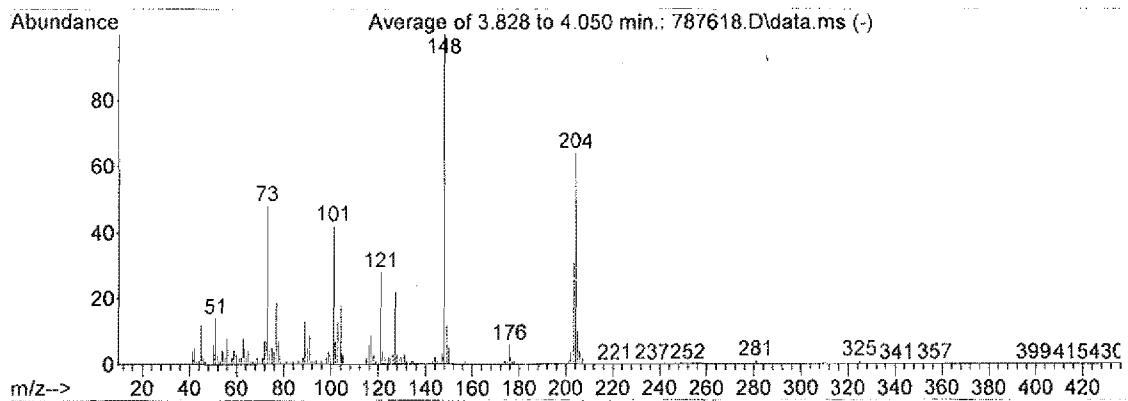
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
Operator : ASD
Date Acquired : 12 May 2011 16:00
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.86	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



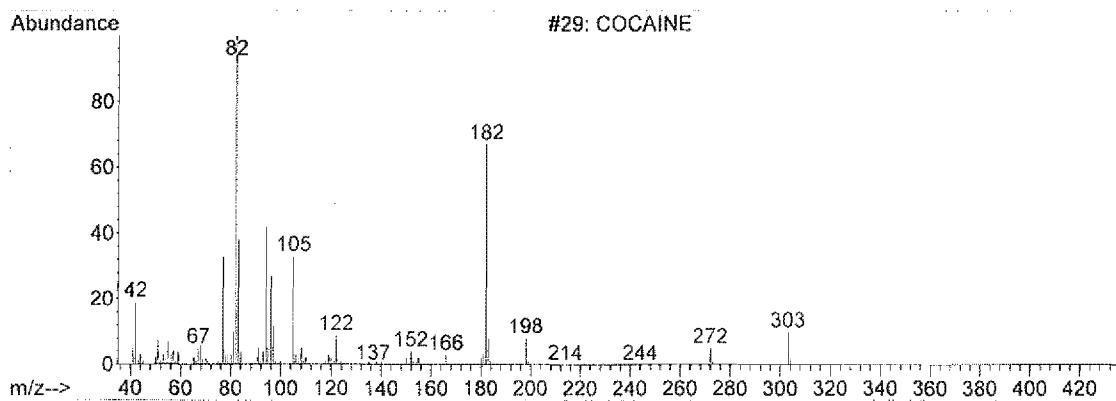
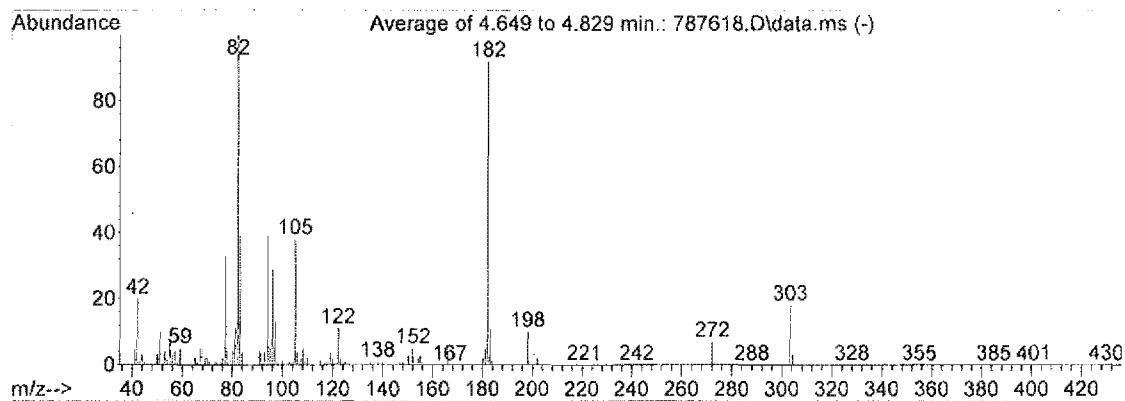
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787618.D
Operator : ASD
Date Acquired : 12 May 2011 16:00
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

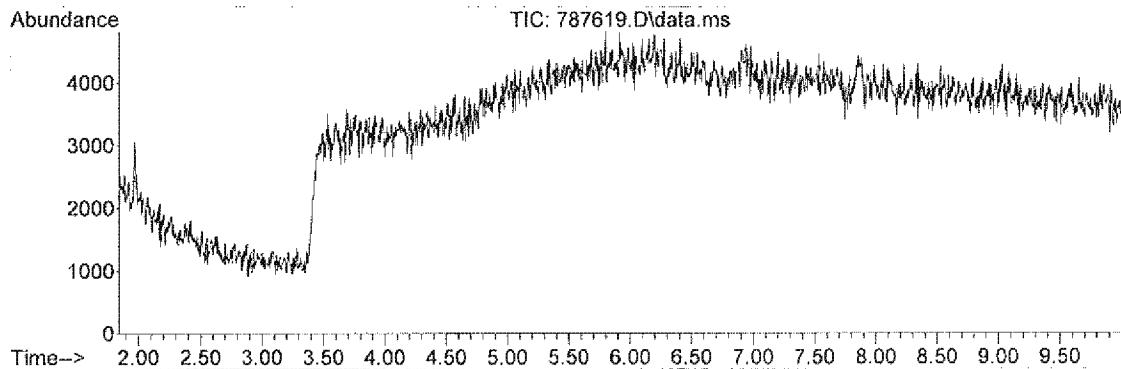
PK#	RT	Library/ID	CAS#	Qual
6	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787619.D
Operator : ASD
Date Acquired : 12 May 2011 16:13
Sample Name : BLANK
Submitted by : PJP
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



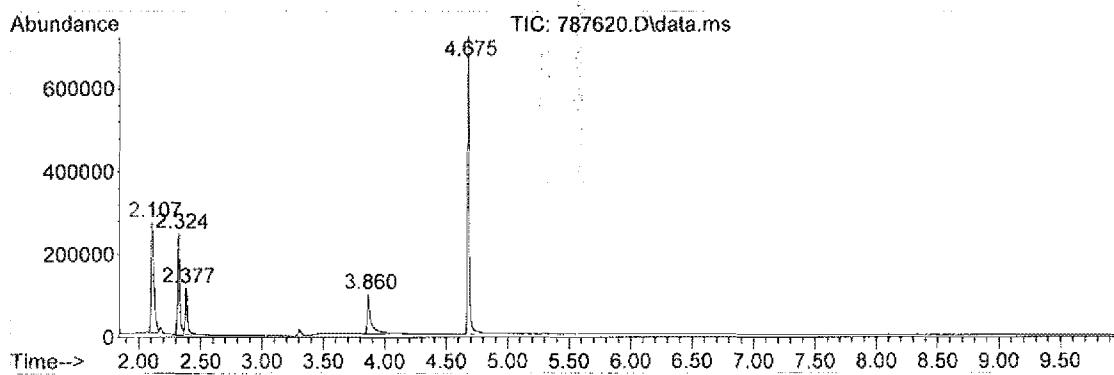
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
Operator : ASD
Date Acquired : 12 May 2011 16:25
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.107	419060	23.57	59.77
2.324	304102	17.11	43.38
2.377	147549	8.30	21.05
3.860	205984	11.59	29.38
4.675	701066	39.44	100.00

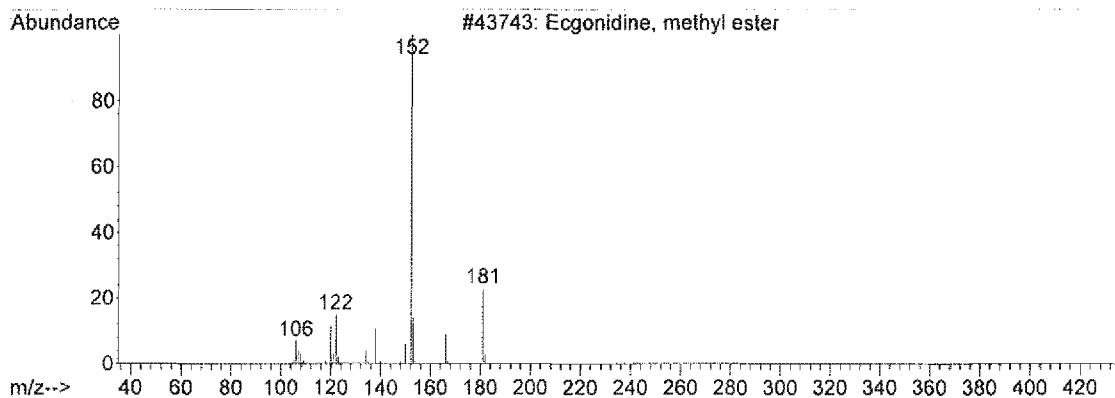
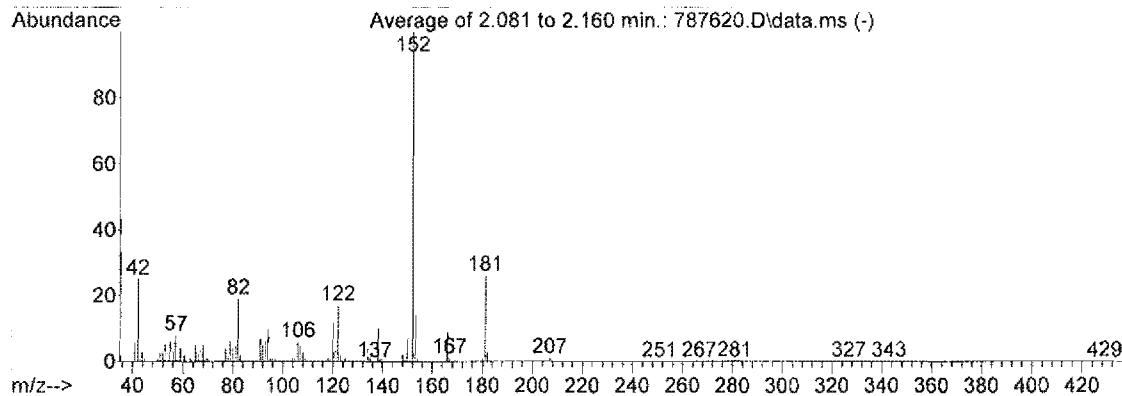
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
Operator : ASD
Date Acquired : 12 May 2011 16:25
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.11	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	94
		2,6-Dimethoxytoluene	005673-07-4	47

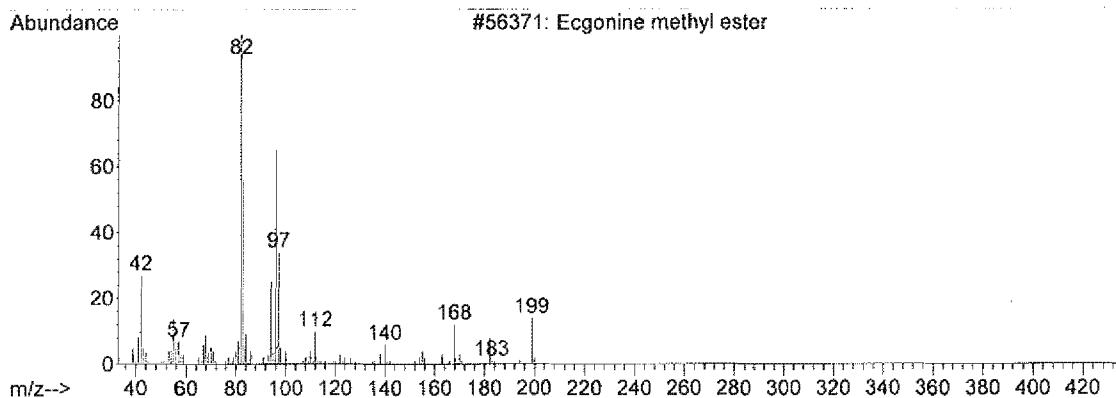
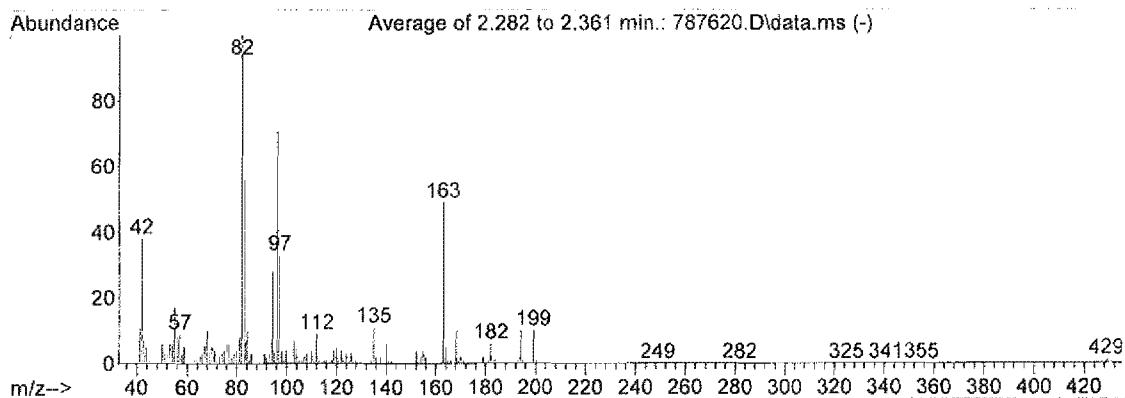


Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
Operator : ASD
Date Acquired : 12 May 2011 16:25
Sample Name : [REDACTED]
Submitted by : PJP
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97



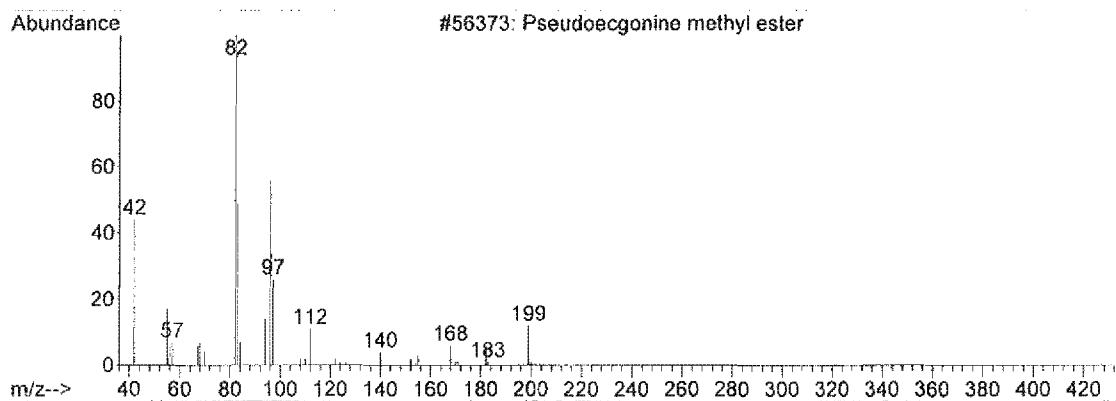
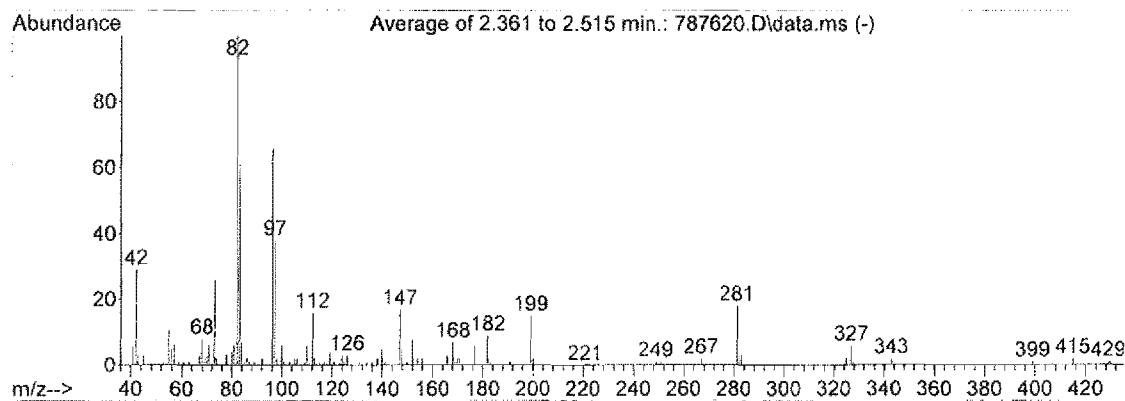
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
 Operator : ASD
 Date Acquired : 12 May 2011 16:25
 Sample Name : XXXXXXXXXX
 Submitted by : PJP
 Vial Number : 20
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.38	C:\Database\NIST05a.L		
		Pseudoecgonine methyl ester	099189-88-5	94
		Ergonine methyl ester	106293-60-1	90
		Ergonine methyl ester	106293-60-1	74

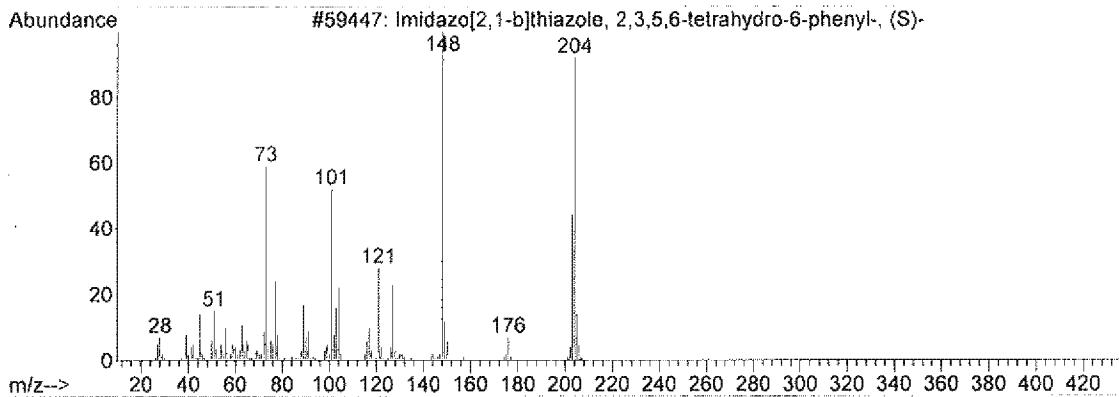
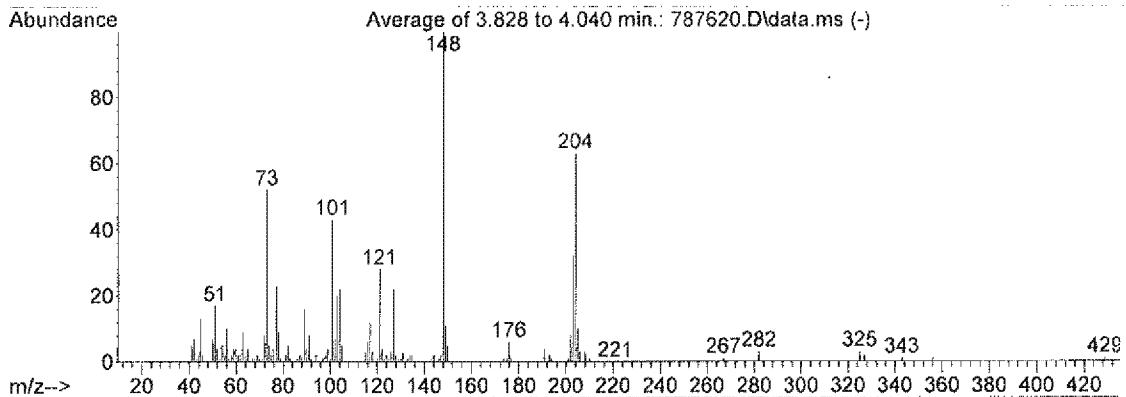


Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
Operator : ASD
Date Acquired : 12 May 2011 16:25
Sample Name : [REDACTED]
Submitted by : PJP
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.86	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



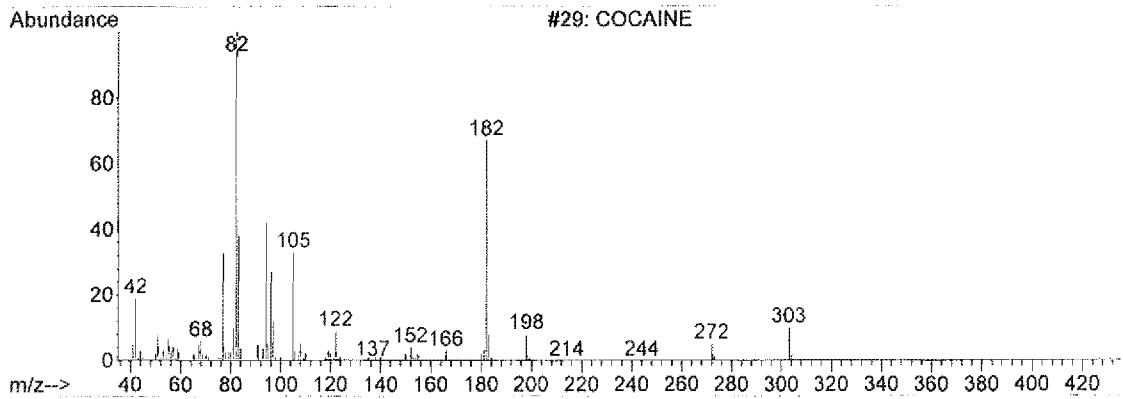
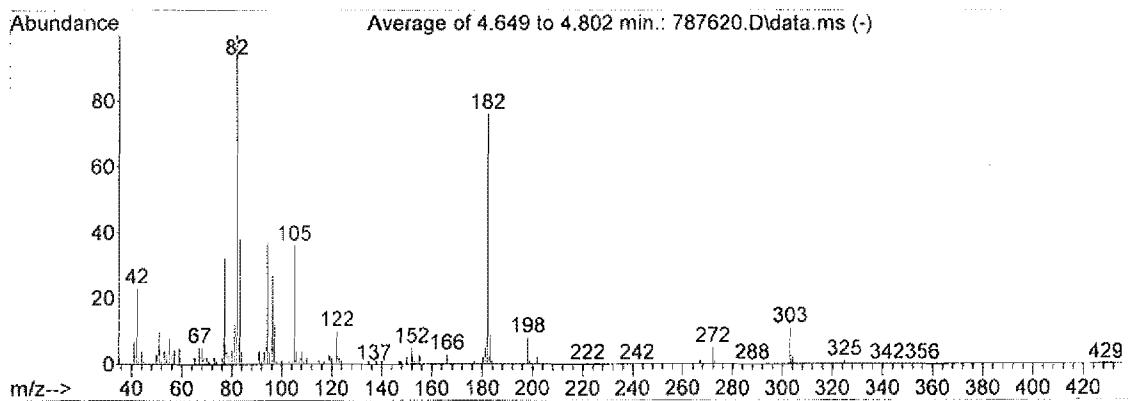
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787620.D
Operator : ASD
Date Acquired : 12 May 2011 16:25
Sample Name : XXXXXXXXXX
Submitted by : PJP
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

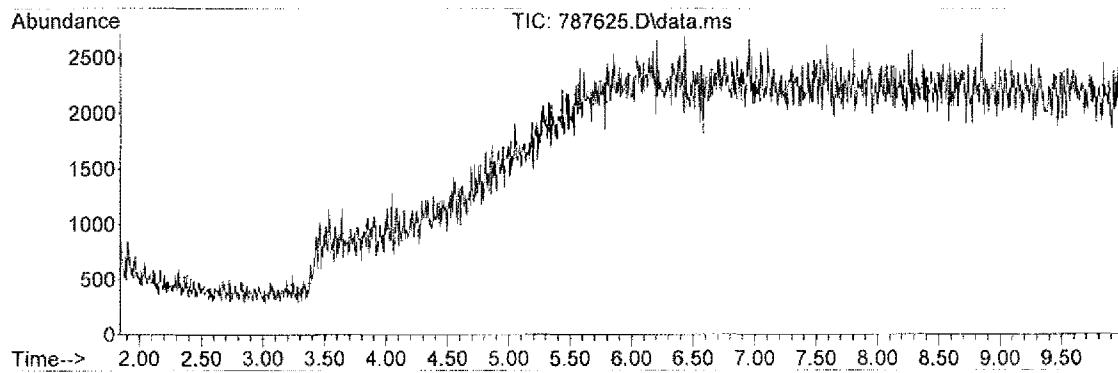
PK#	RT	Library/ID	CAS#	Qual
5	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787625.D
Operator : ASD
Date Acquired : 12 May 2011 17:28
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

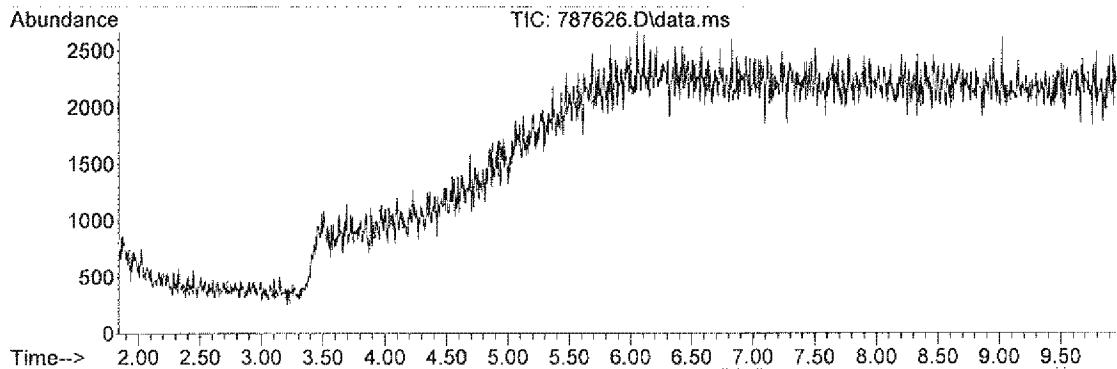


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787626.D
Operator : ASD
Date Acquired : 12 May 2011 17:41
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



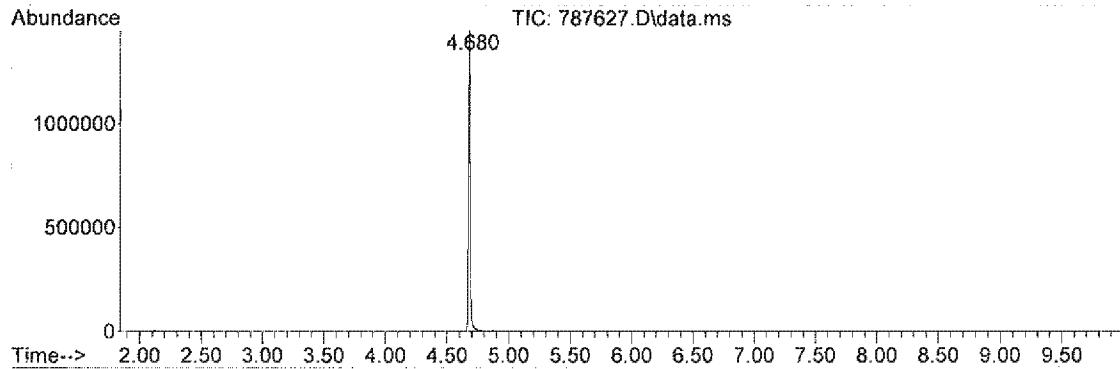
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787627.D
Operator : ASD
Date Acquired : 12 May 2011 17:54
Sample Name : COCAINE STD
Submitted by :
Vial Number : 27
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.680	1450473	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\05_12_11\787627.D
Operator : ASD
Date Acquired : 12 May 2011 17:54
Sample Name : COCAINE STD
Submitted by :
Vial Number : 27
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99

